

3-Channel ISDN PC Adapter Circuit PSB/PSF 2113 V1.1

The 3-Channel ISDN PC Adapter Circuit 3PAC integrates all B-channel and D-channel for a host based ISDN access solution on a single chip. Especially for U-interface applications only a transceiver needs to be connected to the 3PAC.

1. Potential application

- ISDN PC-Cards/TA
- ISDN Data Terminal

2. Features:

- Integrates D-Channel and B-channel protocol controller
- Replaces solutions based on ICC PEB 2070 and HSCX-TE PSB 21525
- Easy adjustment of software using ICC and HSCX-TE
- Pin compatible and software compatible to IPAC PSB 2115
- Various types of protocol support depending on operating mode (Non-auto mode, transparent mode)
- Efficient transfer of data blocks from/to system memory by DMA (for one B-channel) or interrupt request (for both B-channels)
- Enlarged FIFO buffers for B-channels (2x64 byte) per channel and direction
- FIFO buffers for D-channel (2x32 byte)
- Additional I/O interface with 2 interrupt inputs
- PCM interface for non IOM-2 compatible peripheral data controllers
- Reduced register address space due to indirect address mode option
- Programmable Timer (1 ... 63 ms) for continuous or single interrupts
- 3 programmable LED outputs
- 8-bit multiplexed or demultiplexed bus interface
- Siemens/Intel or Motorola μ P interface

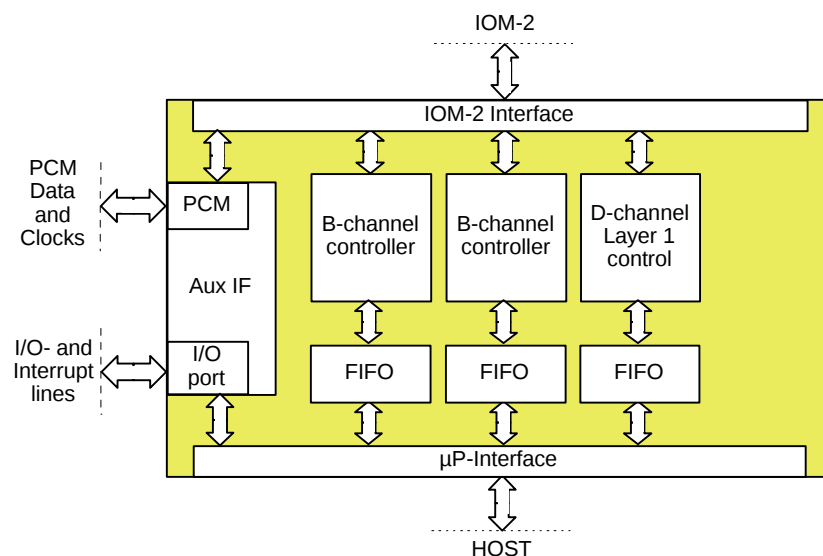
3. Packaging

Type	Ordering Code	Package
PSB 2113 H V1.1	Q67223-H1057	P-MQFP-64 (SMD)
PSB 2113 F V1.1	Q67223-H1058	P-TQFP-64 (SMD)
PSF 2113 H V1.1	Q67223-H1060	P-MQFP-64 (SMD)

4. Product status

Product	Step	Status	Changes
PSB 2113 H/F PSF 2113 H	V1.1	ES in 10/97	

5. Diagram



6. Documentation (Please contact our sales office for details)

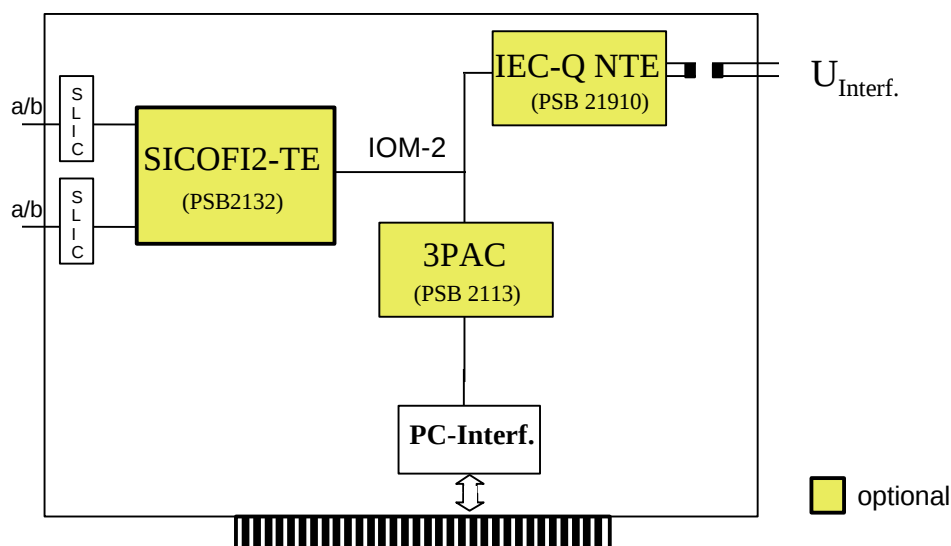
	<u>Date of issue/version</u>	<u>Type of material</u>
Product Overview	7/97	Copy
Delta Sheet (PSF 2113)	8/97	Copy

7. Development and support tools

	<u>Availability</u>	<u>Ordering number</u>
SIPB72113 3PAC Demo Bd. U-only complete package	10/97	Q67220-H1049
SIPB72113 3PAC Ref. Board with POTs Interface-U only- complete package	Q1/98	Q67220-H1050

8. Applications

- 3PAC Passive PC-Card with U-Interface



- Multiline PC-Adapter

